

ABSTRACT

A warning system (20) includes a central control unit (CCU), and a plurality of local units (LU) connected to the central control unit (CCU). Each local unit (LU) includes a plurality of input trips (A_n), such as smoke detector, an earthquake detector, and gas detector, and a plurality of programmable responses, such as a bypass relay (C), a message delivered by a record/playback unit (D), an emergency light (E), and a strobe light (F). The input trips (A_n) also include a disconnect trip (A₁), which is activated by a detector input signal (DI) sent from the central control unit (CCU), and indicates that the central control unit (CCU) has malfunctioned. The programmable responses include a warning output signal (WO) which is sent from the local unit (LU) to the central control unit (CCU) to indicate the presence of a local emergency at the local unit (LU).

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